

1 (January 7, 2002)

2 **Definitions**

3 Temporary Gravity Block Wall: A gravity block wall that is constructed and  
4 removed under the same contract. Temporary gravity block walls shall not  
5 exceed ten feet in height, measured from the bottom of the bottom row of  
6 blocks to the top of the highest block.

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8 Permanent Gravity Block Wall: A gravity block wall that remains in place  
9 after the conclusion of the contract under which the gravity block wall was  
10 constructed. Permanent gravity block walls shall not exceed 15 feet in  
11 height, measured from the bottom of the bottom row of blocks to the top of  
12 the highest block.

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14 **Submittals**

15 The Contractor shall submit working drawings of the gravity block wall to  
16 the Engineer for approval in accordance with Section 6-01.9. The working  
17 drawings shall include, but not be limited to, the following:

- 18  
19 1. Plan, elevation, and section views of the wall, showing the layout,  
20 batter, and orientation of the blocks.  
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22 2. Dimensions and details of the blocks, including details and  
23 locations of block erection lifting loops and inserts, and the  
24 features designed to interlock blocks together if the blocks have  
25 such features.  
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27 3. Method and equipment used to erect the blocks.  
28  
29 4. Erection sequence.

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31 The Contractor shall not begin fabricating gravity block wall blocks until  
32 receiving the Engineer's approval of the working drawing submittal.

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34 **Gravity Block Wall Erection**

35 After excavating for the wall base, the Contractor shall grade the excavation  
36 for a width equal to or exceeding the width of the bottom row of blocks.  
37 The base shall be graded to the base elevation shown in the Plans and  
38 working drawings as approved by the Engineer, and shall accommodate the  
39 batter of the bottom row of blocks.

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41 The Contractor shall erect the gravity block wall and place the backfill in  
42 accordance with the erection sequence as approved by the Engineer. The  
43 top of the gravity block wall shall be within two inches of the line and grade  
44 shown in the Plans. The backfill shall be compacted in accordance with  
45 Section 2-03.3(14)C, Method C.

46  
47 The Contractor shall repair all large blemishes, honeycombed areas, and  
48 chipped surfaces, (25 square inches and larger) on the exposed face of the  
49 erected wall using methods and materials as approved by the Engineer.